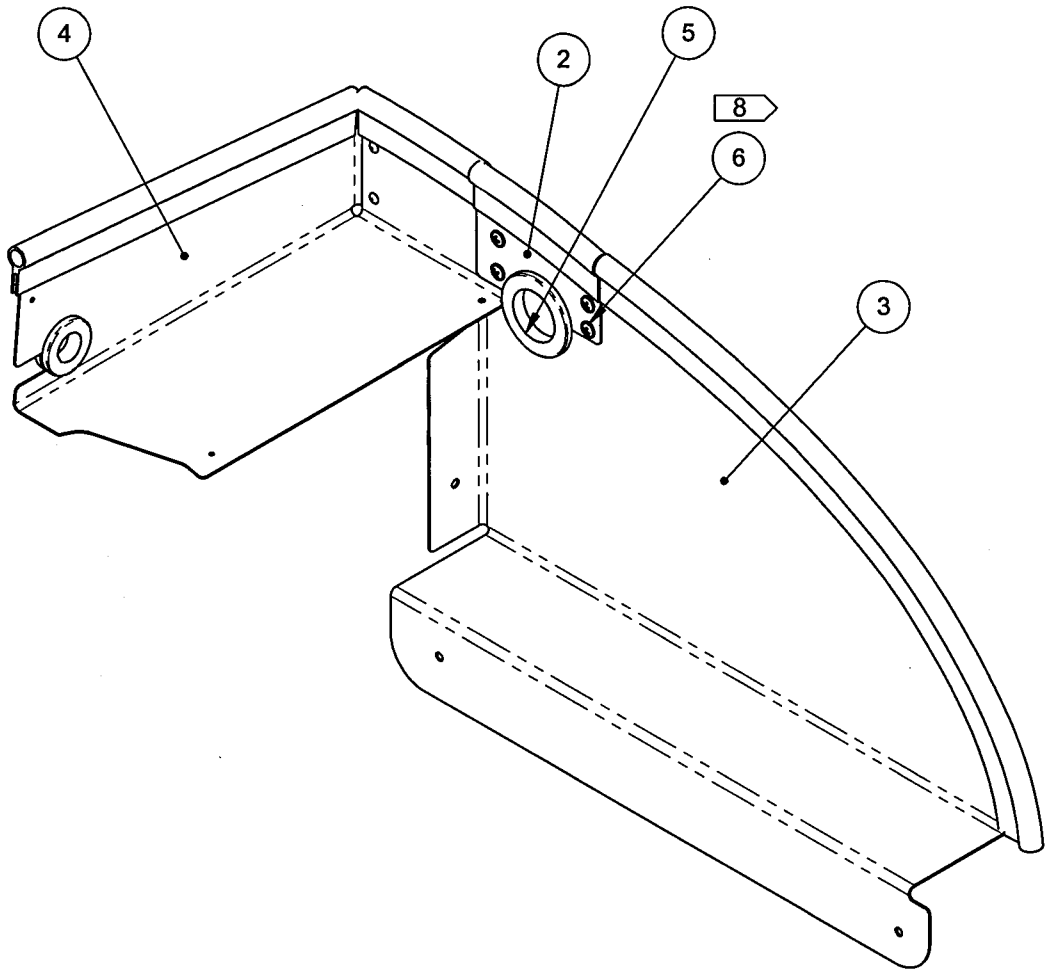


ITEM	QTY -041	PART NUMBER	DESCRIPTION
1	X	D4436-041	AFT BRACKET ASSEMBLY
2	1	D4435-043	BRACKET ASSEMBLY
3	1	D4436-043	AFT OUTBOARD BRACKET ASSEMBLY
4	1	D4436-045	AFT INBOARD BRACKET ASSEMBLY
5	1	D4440-1	GROMMET
6	4	AN525-832R6	SCREW, WASHER HEAD



D4436-041 AFT BRACKET ASSEMBLY

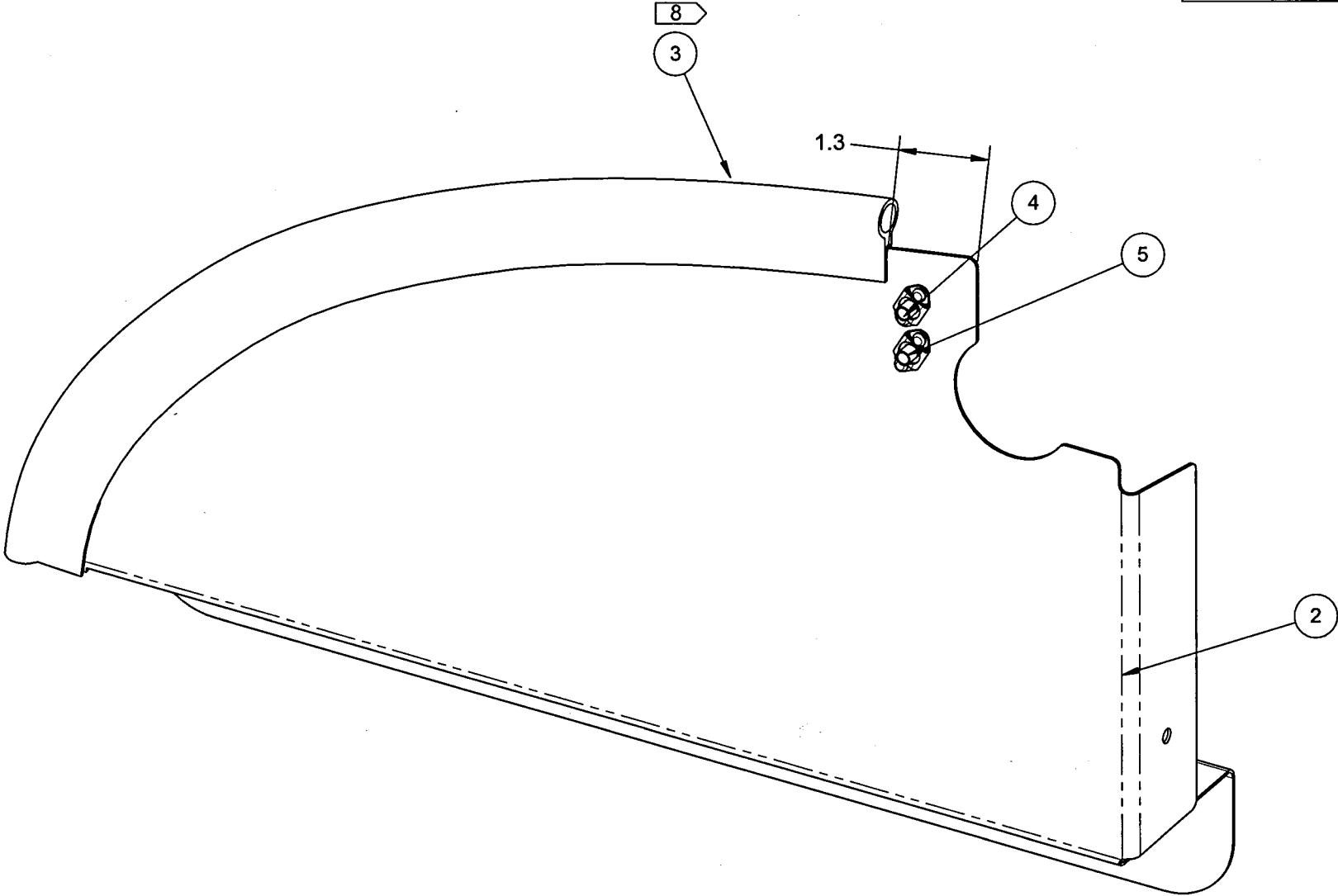
- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 1.31 lbs
  - 8) TORQUE SCREWS TO 12-15 (in-lb)

RELEASED  
2019 OCT 19  
ECN13-826

APPROVED

B	ADD D4436-9 BRACKET, D4436-047 ASSY, D4436-049 ASSY. REF. PAR18-256	PM	18.09.18
A	NEW ISSUE	RF	12.01.17
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	D4436	SHEET 1 OF 11
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	COVER ASSEMBLY	NTS
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ITEM	QTY -043	PART NUMBER	DESCRIPTION
1	X	D4436-043	AFT OUTBOARD BRACKET ASSEMBLY
2	1	D4436-1	BRACKET
3	1	D4441-1-160	RUBBER SEAL
4	4	MS20426AD3-2	RIVET
5	2	MS21075L08	NUT PLATE, SELF-LOCKING, FLOATING
6	A/R	3M 1300/1300L	ADHESIVE



D4436-043 AFT OUTBOARD BRACKET ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3 MASK NUT PLATE HOLES
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.78 lbs
  - 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL. IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING

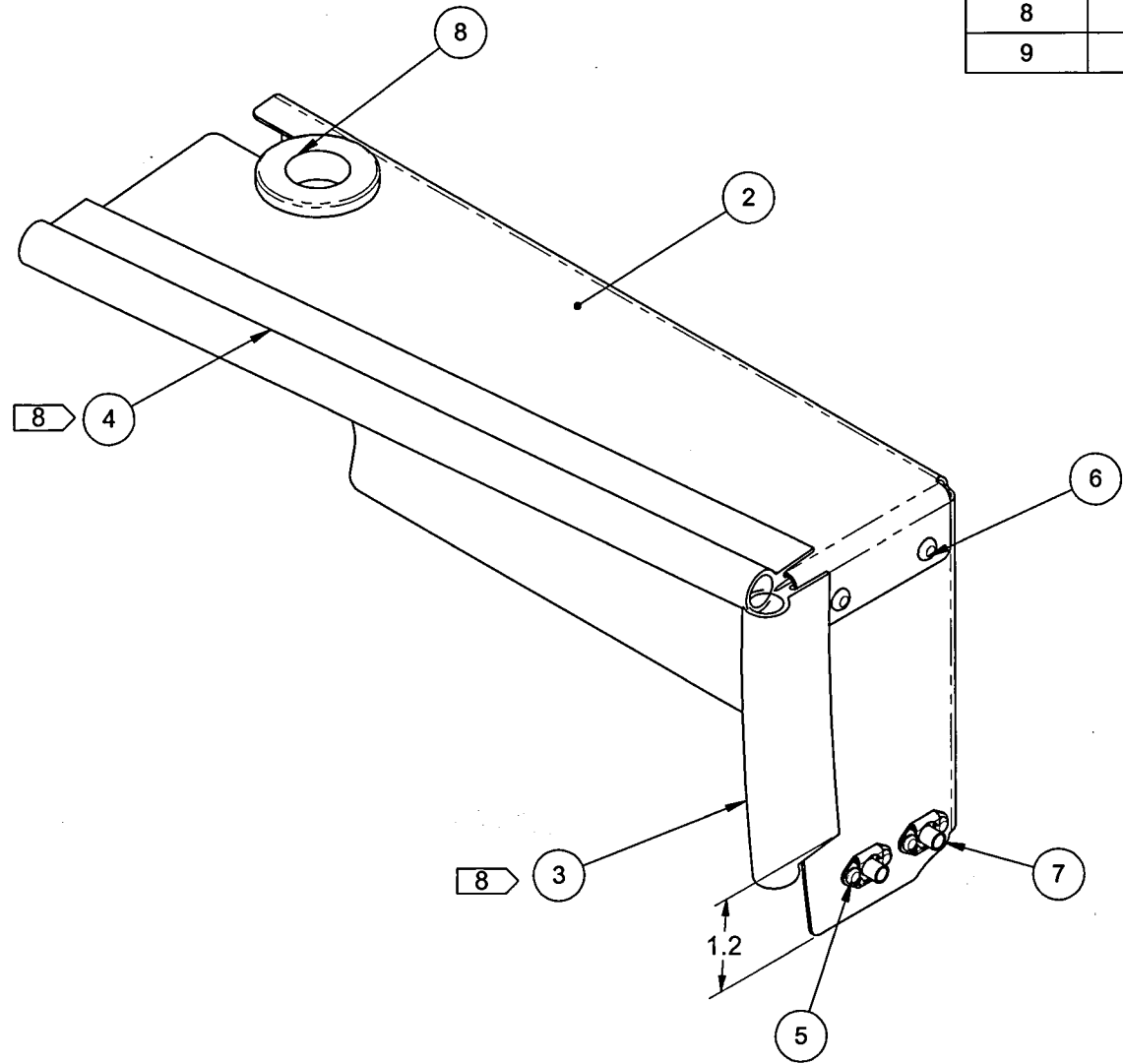
RELEASED

2018 OCT 19

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	D4436	SHEET 2 OF 11
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ITEM	QTY -045	PART NUMBER	DESCRIPTION
1	X	D4436-045	AFT INBOARD BRACKET ASSEMBLY
2	1	D4436-3	BRACKET
3	1	D4441-1-038	RUBBER SEAL
4	1	D4441-1-100	RUBBER SEAL
5	4	MS20426AD3-2	RIVET
6	2	MS20470AD4-3	RIVET
7	2	MS21075L08	NUT PLATE
8	1	MS35489-19	GROMMET
9	A/R	3M 1300/1300L	ADHESIVE



D4436-045 AFT INBOARD BRACKET ASSEMBLY

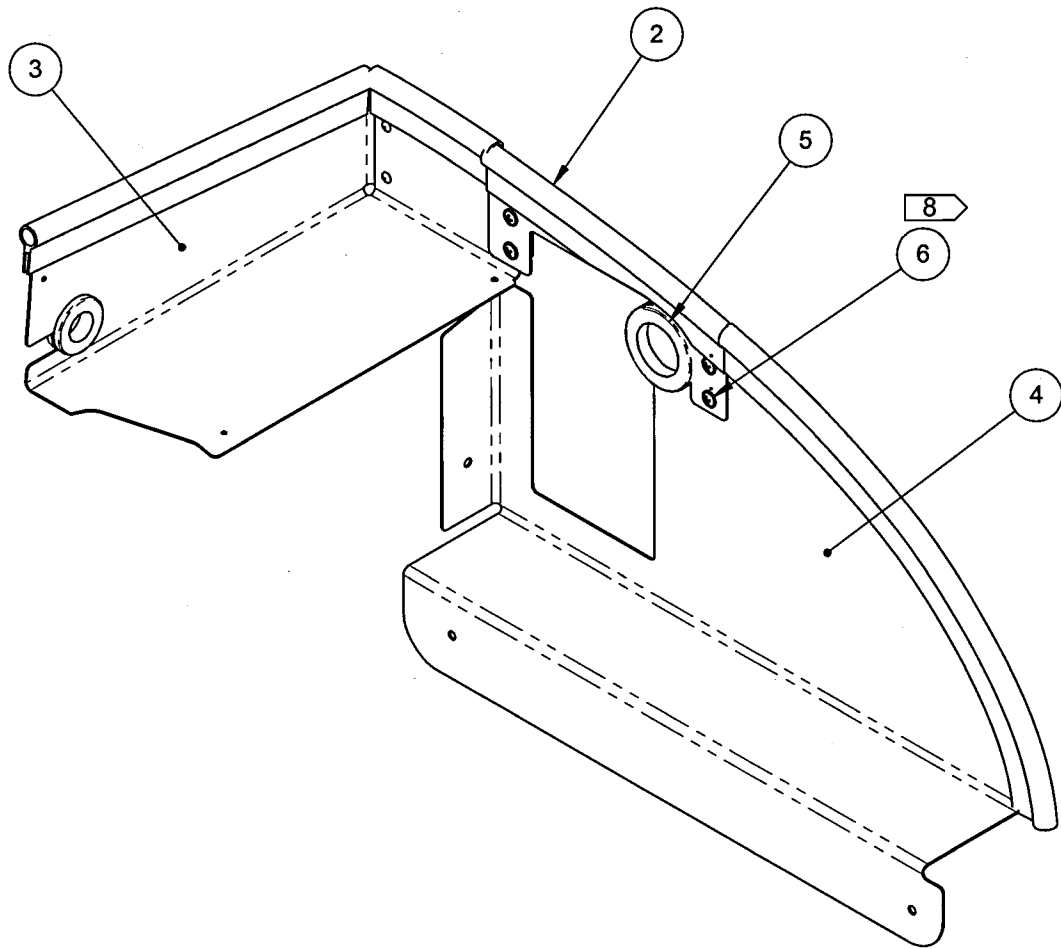
- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3 MASK NUT PLATE HOLES
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.42 lbs
  - 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE, ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL. IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING

RELEASED  
2018 OCT 19

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	D4436	SHEET 3 OF 11
APPROVED	VS	TITLE	SCALE
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ITEM	QTY -047	PART NUMBER	DESCRIPTION
1	X	D4436-047	AFT BRACKET ASSEMBLY
2	1	D4435-047	BRACKET ASSEMBLY
3	1	D4436-045	AFT INBOARD BRACKET ASSEMBLY
4	1	D4436-049	AFT OUTBOARD BRACKET ASSEMBLY
5	1	D4440-1	GROMMET
6	4	AN525-832R6	SCREW, WASHER HEAD



**D4436-047 AFT BRACKET ASSEMBLY**

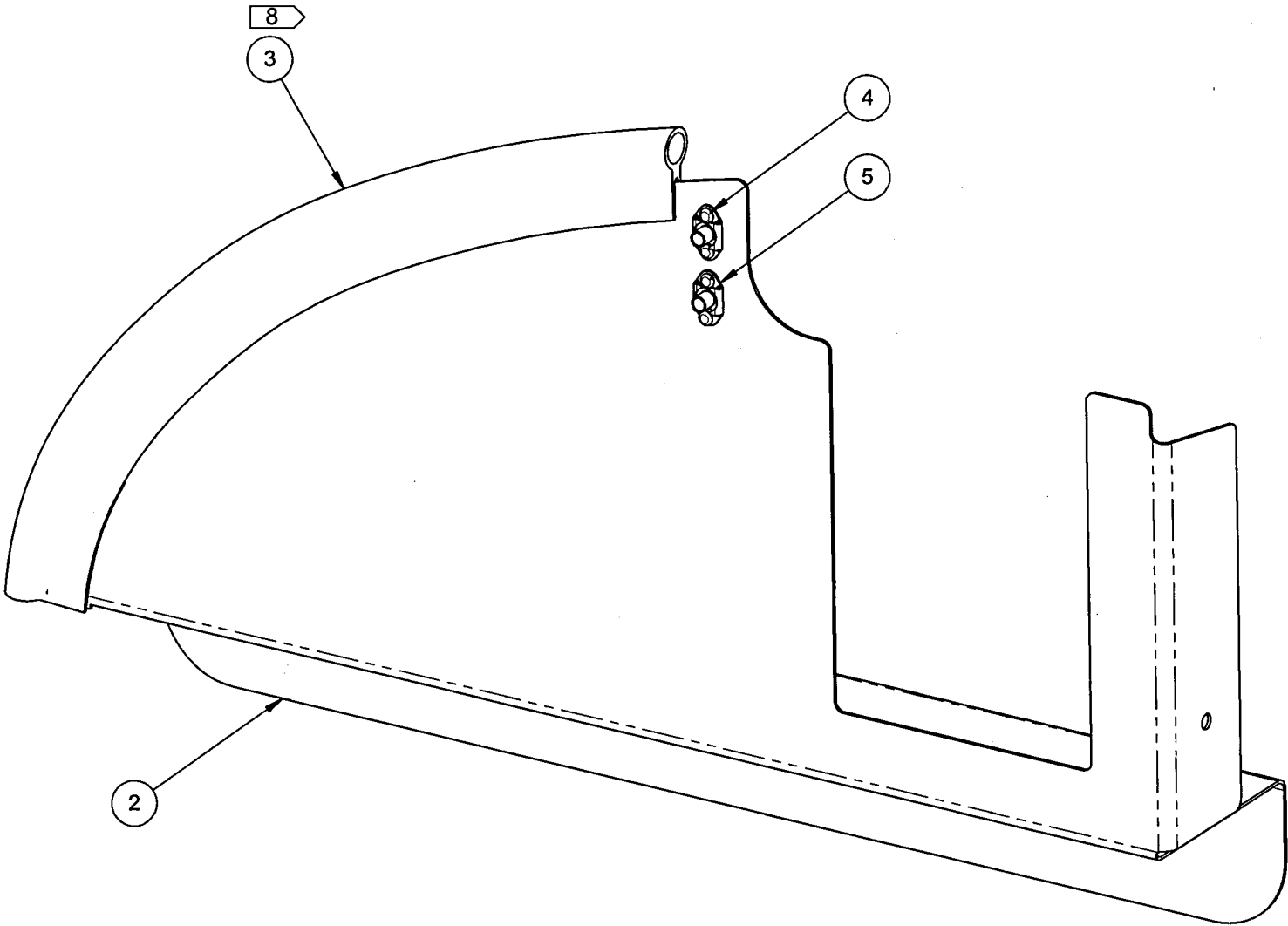
- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 1.15 lbs
  - 8) TORQUE SCREWS TO 12-15 (in-lb)

RELEASED  
2019 OCT 19

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO. <b>D4436</b>	REV. B
MFG. APPR.	DD	SHEET 4 OF 11	
APPROVED	VS	TITLE <b>COVER ASSEMBLY</b>	SCALE NTS
DE APPR.	DS	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	18.09.18		

ITEM	QTY -049	PART NUMBER	DESCRIPTION
1	X	D4436-049	AFT OUTBOARD BRACKET ASSEMBLY
2	1	D4436-9	BRACKET
3	1	D4441-1-124	RUBBER SEAL
4	4	MS20426AD3-2	RIVET
5	2	MS21075L08	NUT PLATE, SELF-LOCKING, FLOATING
6	A/R	3M 1300/1300L	ADHESIVE



**D4436-049 AFT OUTBOARD BRACKET ASSEMBLY**

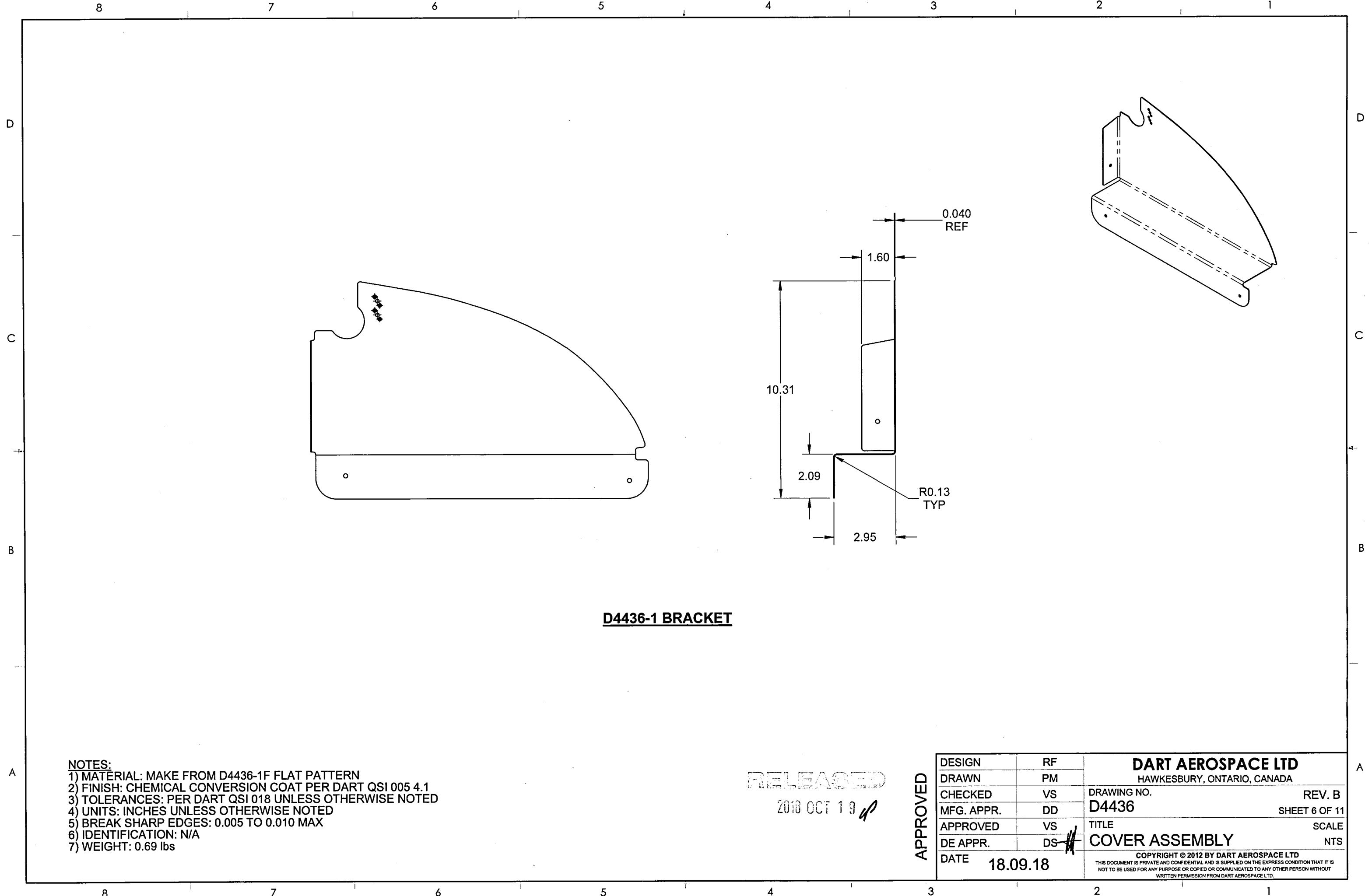
- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3 MASK NUT PLATE HOLES
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.67 lbs
  - 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL. IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING

RELEASED

2018 OCT 19

APPROVED

DESIGN	PM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	D4436	SHEET 5 OF 11
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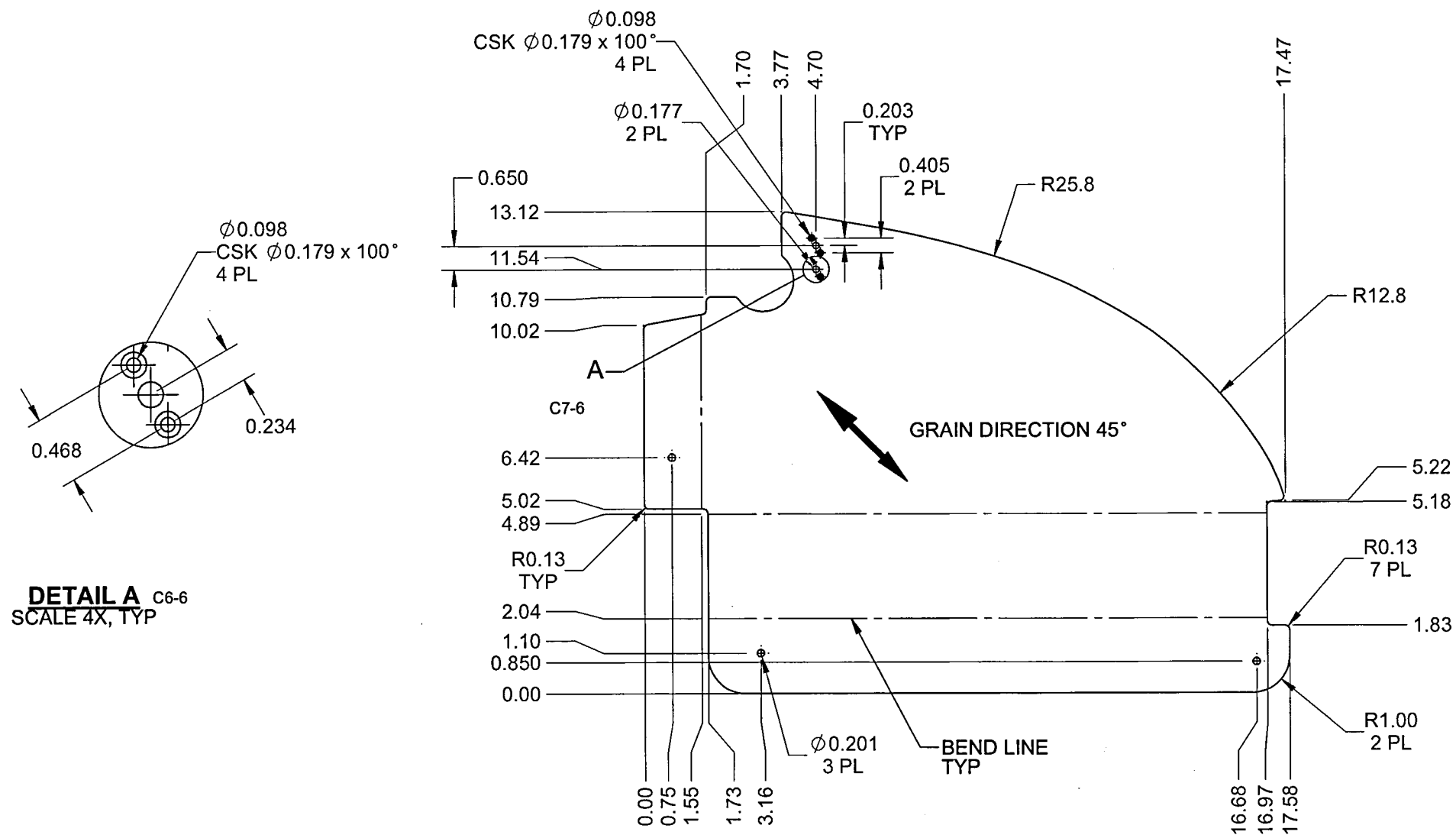
**D4436-1 BRACKET**

- NOTES:
- 1) MATERIAL: MAKE FROM D4436-1F FLAT PATTERN
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: N/A
  - 7) WEIGHT: 0.69 lbs

RELEASED  
2010 OCT 19

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO. <b>D4436</b>	REV. B
MFG. APPR.	DD	SHEET 6 OF 11	
APPROVED	VS	TITLE	SCALE
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# **D4436-1F FLAT PATTERN**

## **NOTES:**

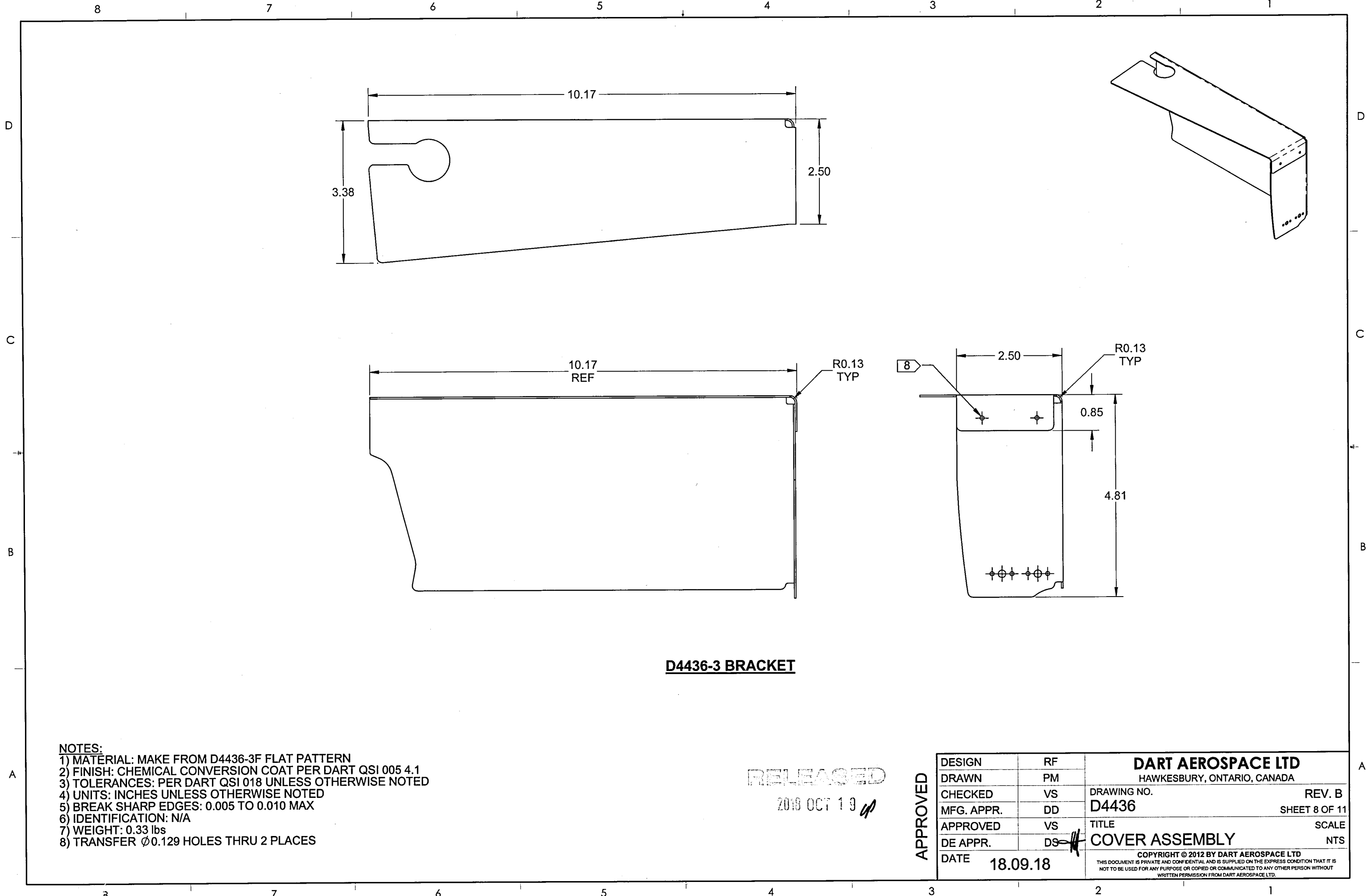
- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.69 lbs

RELEASED

2019 OCT 19

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D4436</b>	SHEET 7 OF 11
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>COVER ASSEMBLY</b>	NTS
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NOTES:

- 1) MATERIAL: MAKE FROM D4436-3F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.33 lbs
- 8) TRANSFER  $\varnothing 0.129$  HOLES THRU 2 PLACES

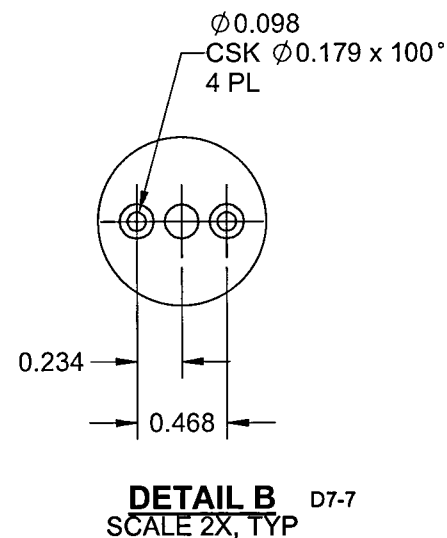
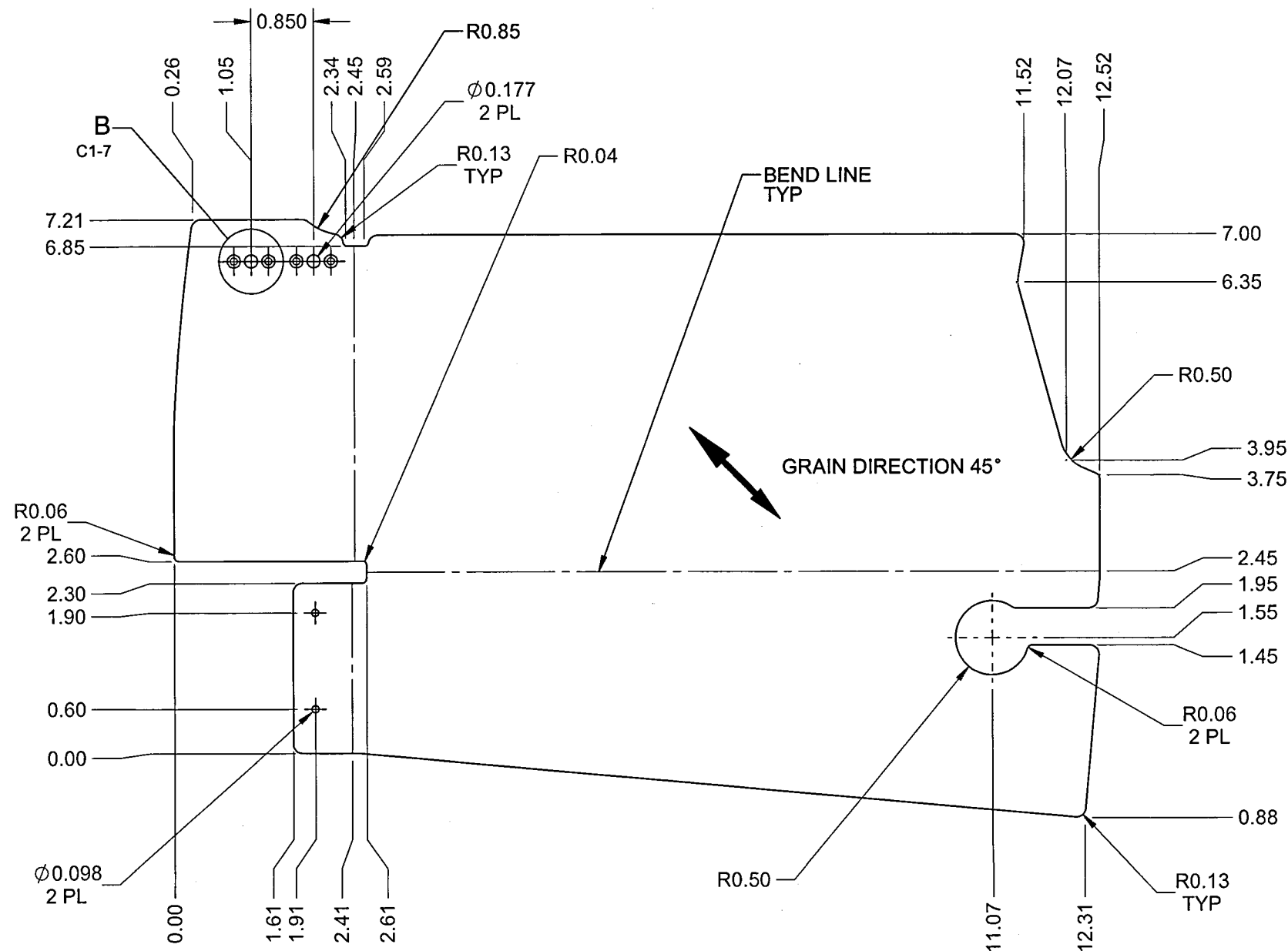
RELEASED

2018 OCT 19

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	PM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	D4436	SHEET 8 OF 11
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	COVER ASSEMBLY	NTS
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# **D4436-3F FLAT PATTERN**

## **NOTES:**

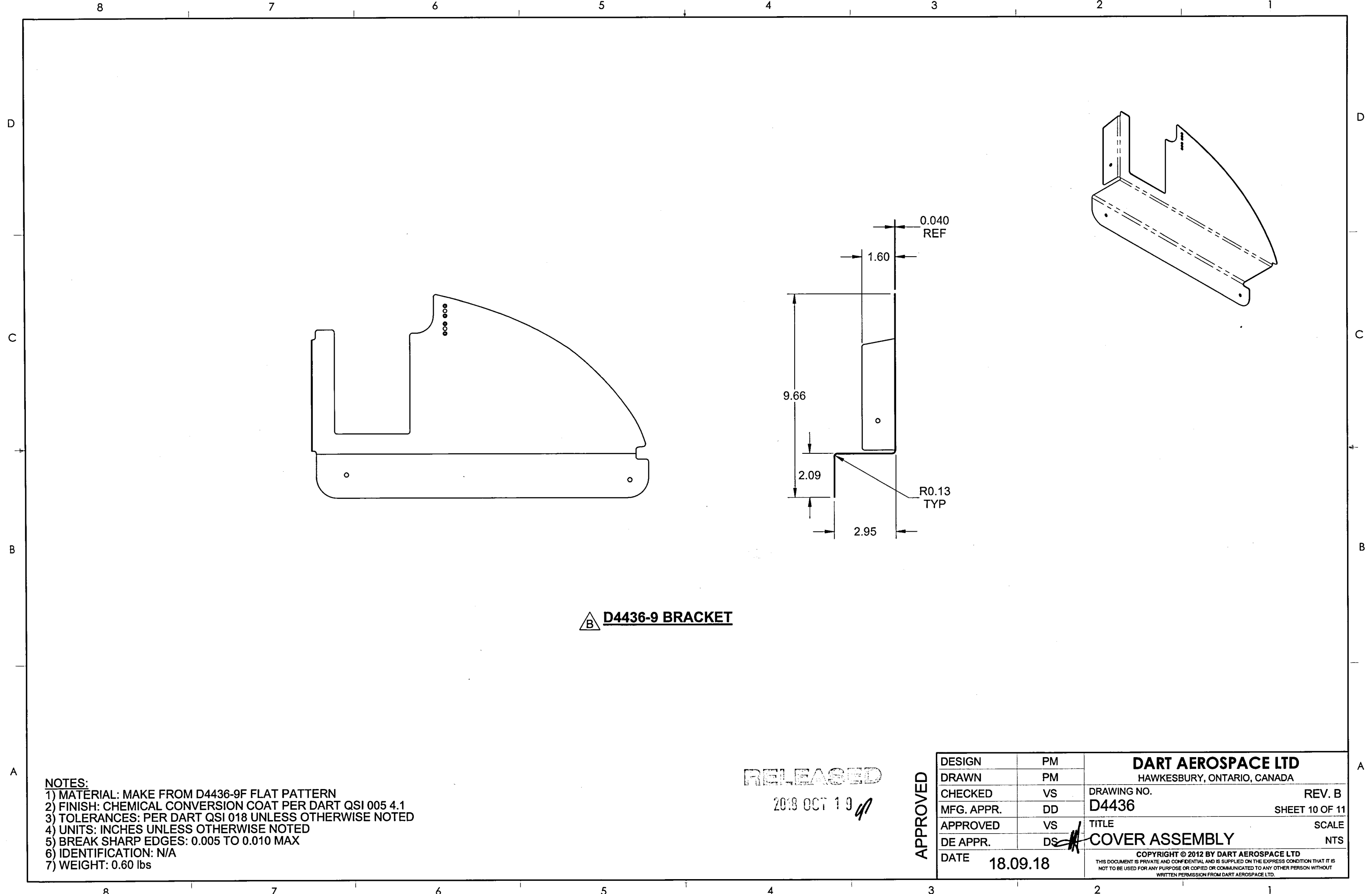
- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK  
PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027  
OR ASTM B209  
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.33 lbs

RELEASED

2013 OCT 10

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b>	
DRAWN	PM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D4436</b>	SHEET 9 OF 11
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>COVER ASSEMBLY</b>	NTS
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**D4436-9 BRACKET**

**NOTES:**

- 1) MATERIAL: MAKE FROM D4436-9F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.60 lbs

RELEASED

2018 OCT 19

APPROVED

DESIGN	PM	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PM		
CHECKED	VS	DRAWING NO. <b>D4436</b>	REV. B
MFG. APPR.	DD	SHEET 10 OF 11	
APPROVED	VS	TITLE	SCALE
DE APPR.	DS	<b>COVER ASSEMBLY</b>	NTS
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